

---ABSTRACT OF THE DISCLOSURE

A battery pack is provided, in which a plurality of rechargeable batteries are held by a center frame, a bottom-side frame, and a terminal-side frame in a parallel spaced relationship, the plurality of rechargeable batteries being connected in series and integrated with a circuit substrate by mounting the circuit substrate on the terminal-side frame, the circuit substrate being provided with a resin mold, whereby the battery pack is free of damage to electrical circuit parts even in the event of entrance of water or dust through vents that are provided for suppressing temperature rise of the rechargeable batteries. The plurality of rechargeable batteries are connected in series by joining connection plates to the positive and negative electrode terminals formed on the sealing plates of plurality of the rechargeable batteries that are held by the terminal-side frame, and connection projections formed to each connection plate are fitted in respective connection holes in the circuit substrate so as to integrate the circuit substrate with the rechargeable batteries, whereby the wiring for connecting each of the rechargeable batteries to the circuit substrate is made simple. ---